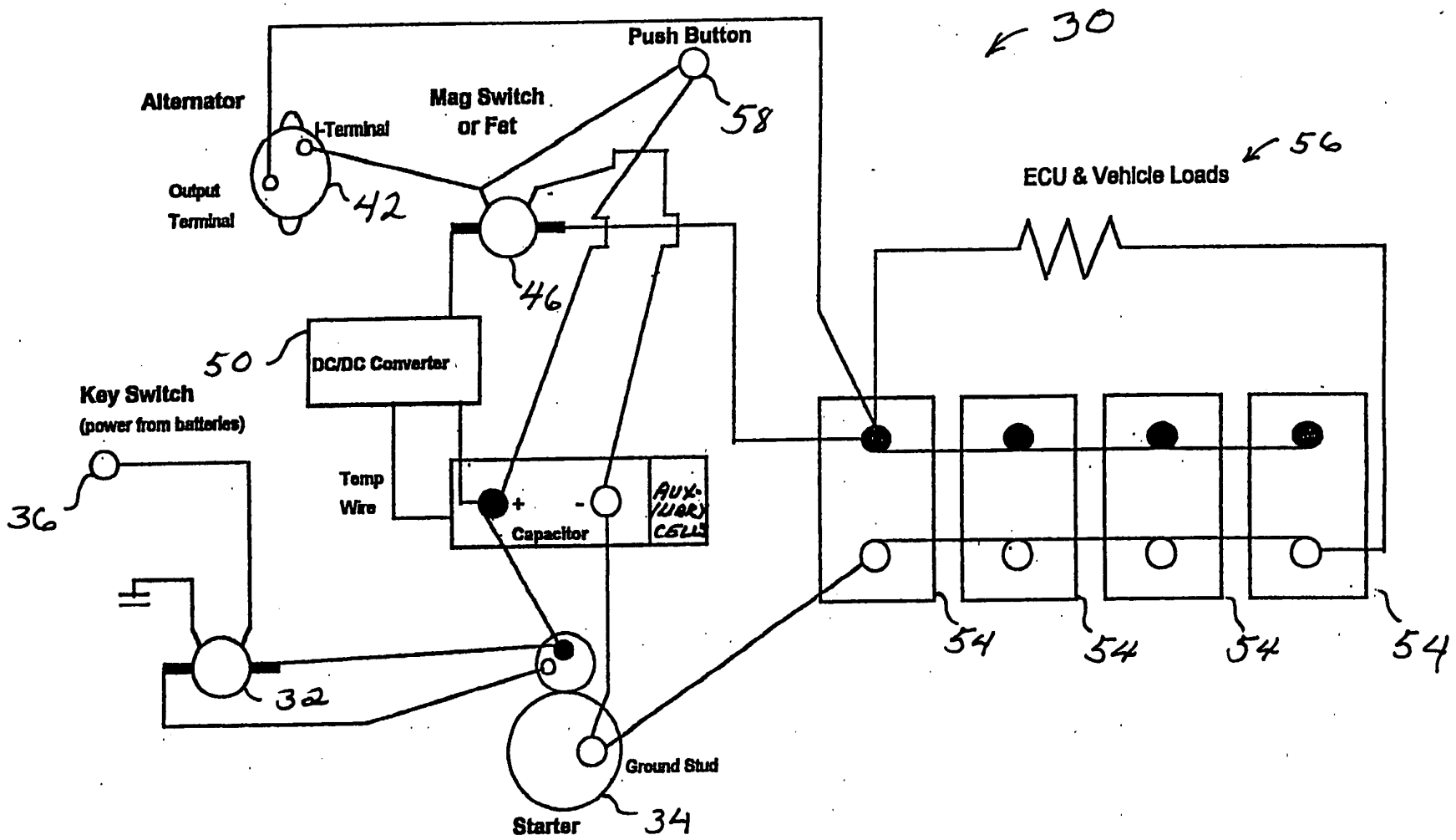

30
Push Button
58
Alternator
I-Terminal
Mag Switch
or Fet
Output
Terminal
42
46
56
ECU & Vehicle Loads
50
DC/DC Converter
Key Switch
(power from batteries)
36
Temp
Wire
+
-
Capacitor
AUX-
(USER)
CELL
54
54
54
54
32
Ground Stud
Starter
34

Fig. 1.

CAPACITOR POWER FORMULA: $P = \frac{1}{2} C (V^2)$

Normal Capacitor -

	11.80	30 x 139	=	4170
	12.3	30 x 151	=	4530
	12.7	30 x 161	=	4830
	14.0	30 x 196	=	5880
MAX.	14.3	30 x 204	=	6120

Enhanced -

MIN.	15.3	30 x 234	=	7020
	16.0	30 x 256	=	7680
	16.5	30 x 272	=	8160
	17.0	30 x 289	=	8670

Fig. 2

$$P = \begin{cases} > 0 \text{ if engine on / alternator engaged} \\ = 0 \text{ if engine off / starter disengaged} \\ < 0 \text{ if engine off / starter engaged} \end{cases}$$

Fig. 3

TOH280 96285660

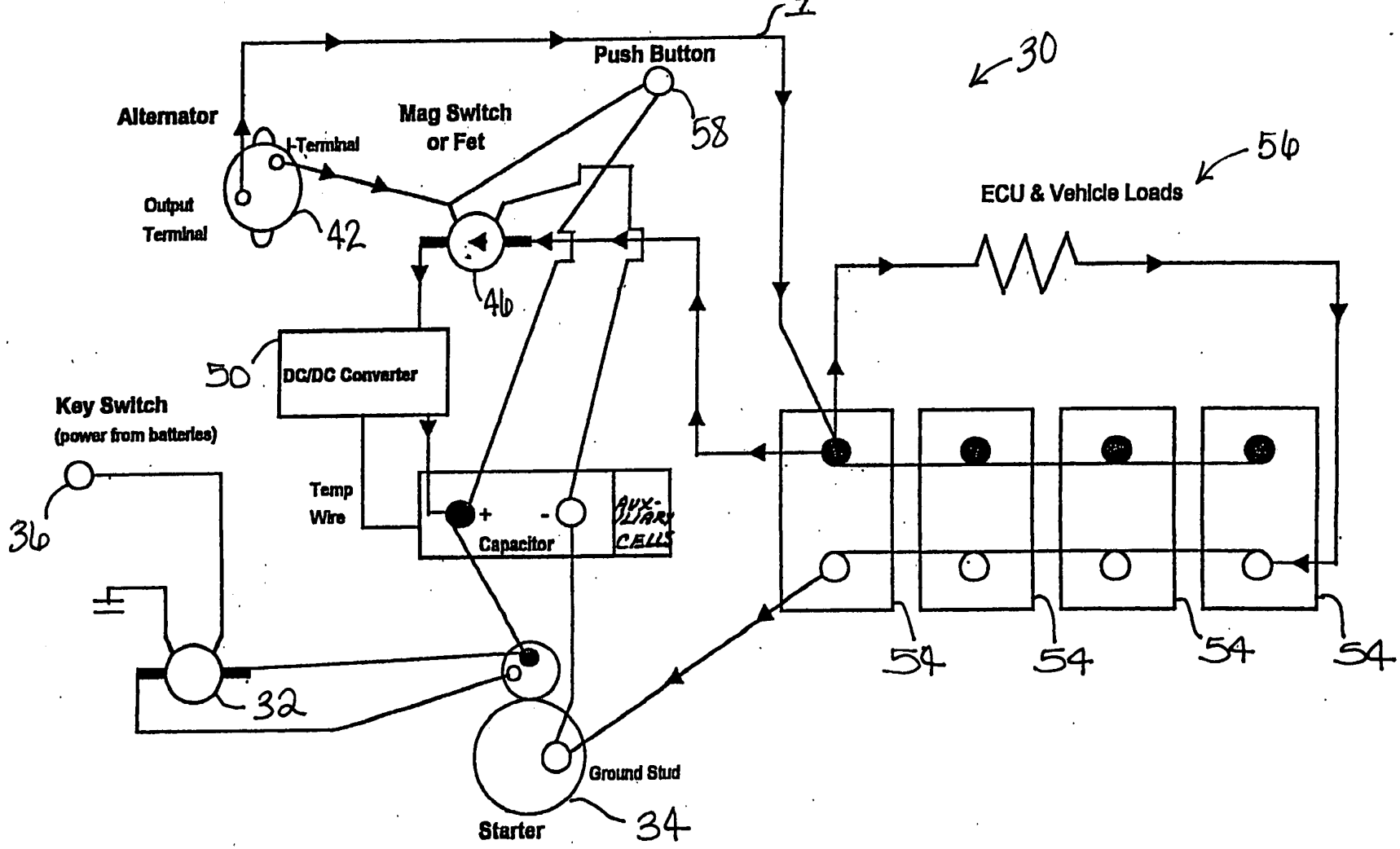


Fig. 4.

TOH280" 96286660

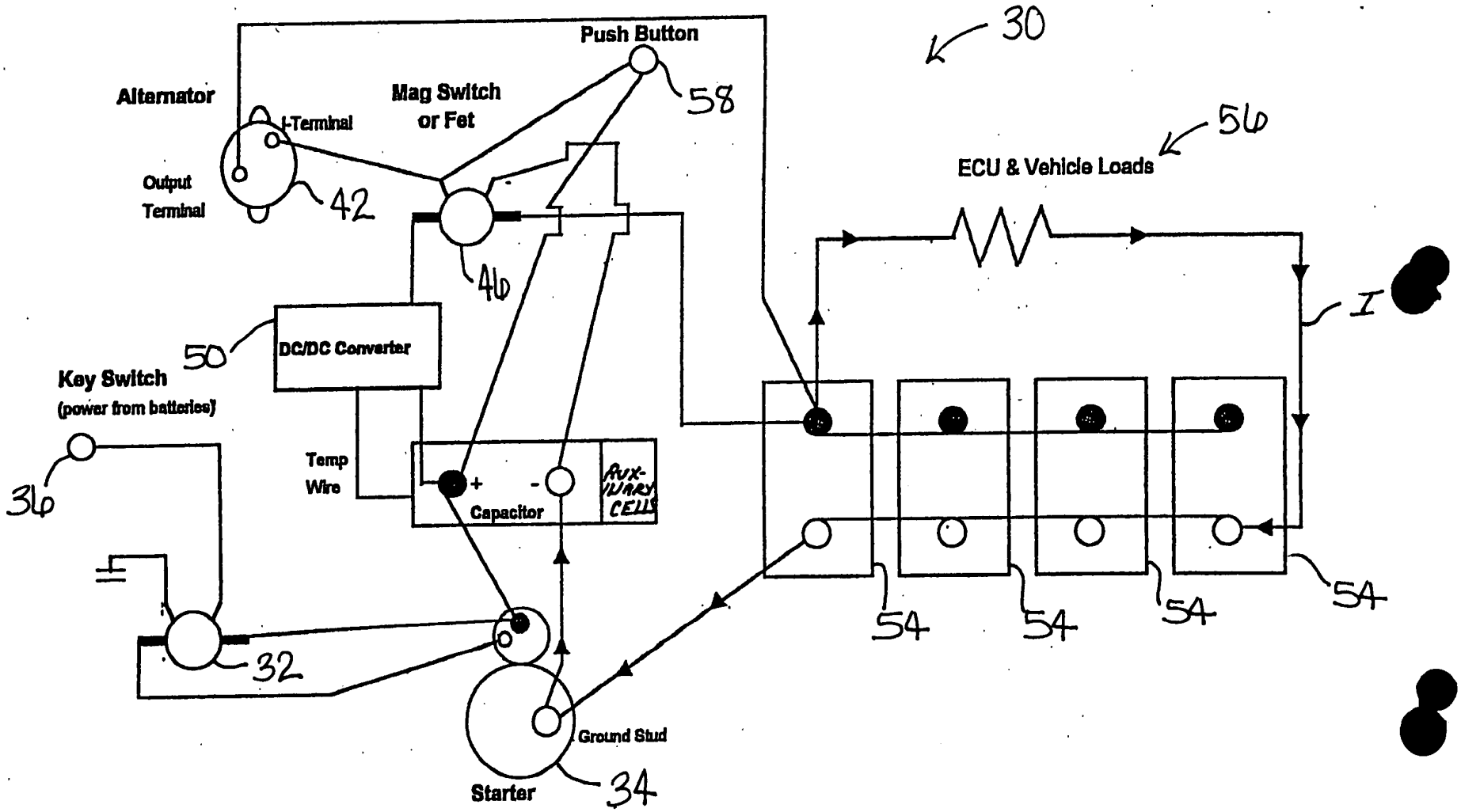
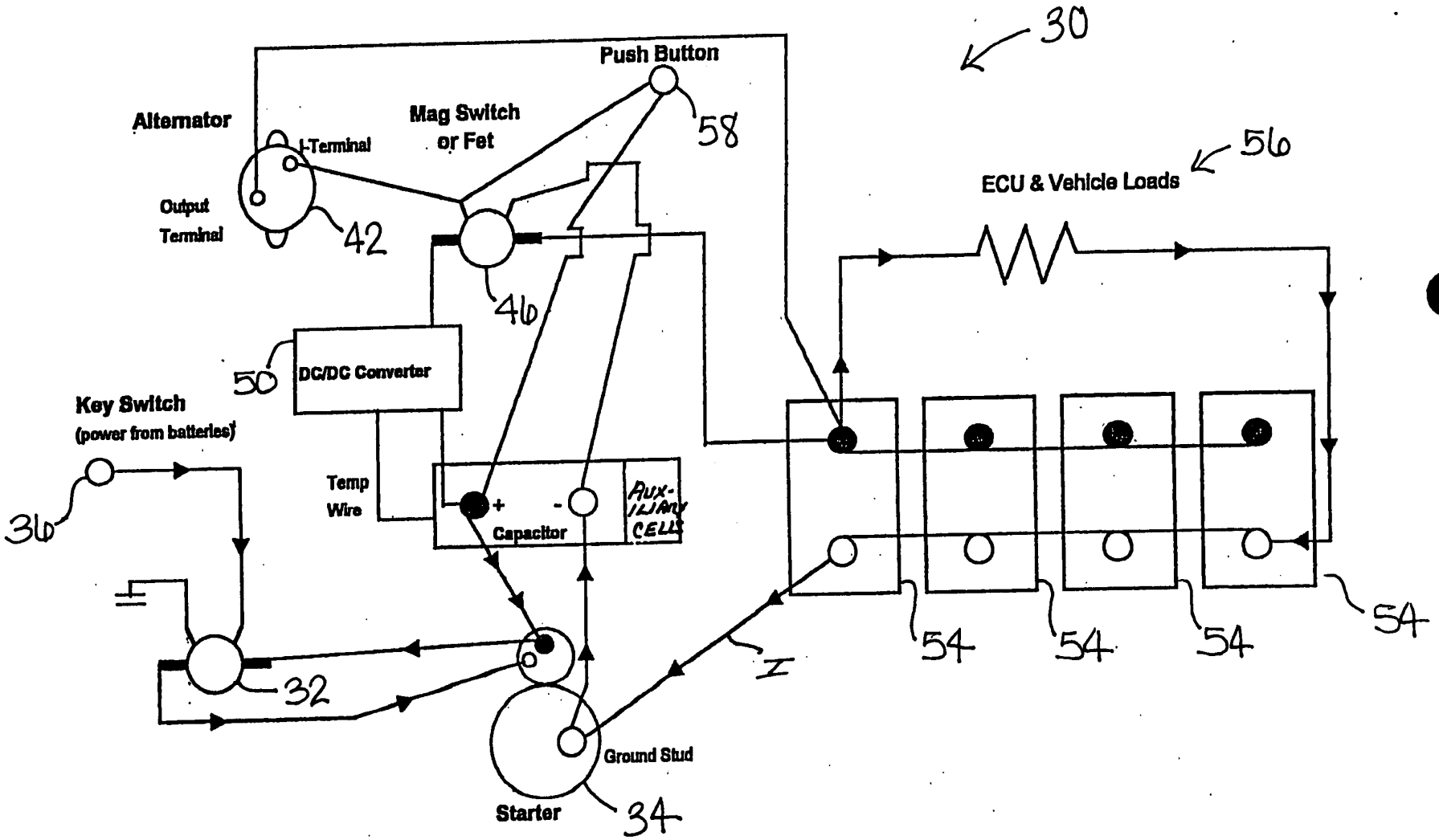


Fig. 5.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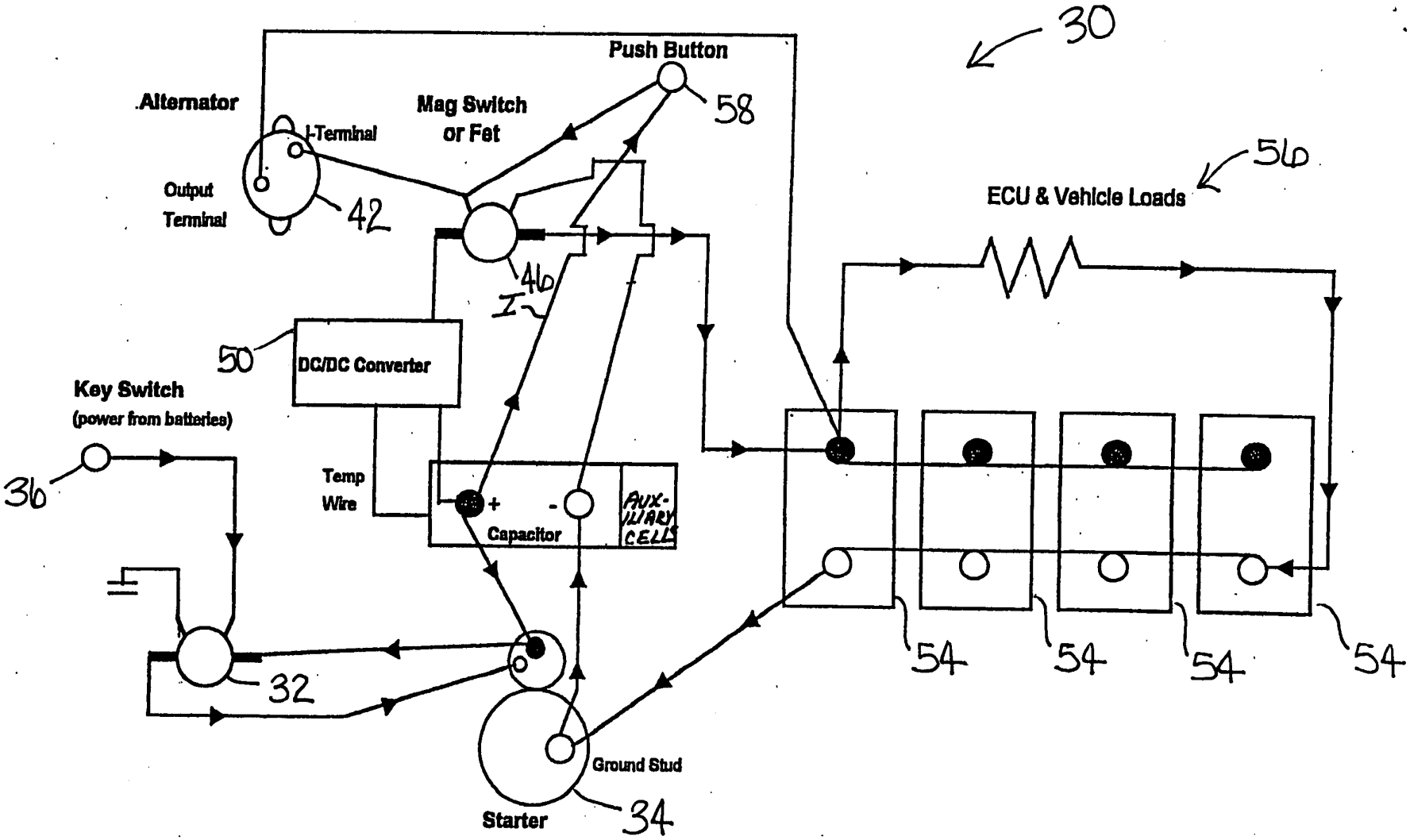
DC/DC Converter
Key Switch
(power from batteries)
36
Temp
Wire
+
-
Capacitor
AUX-
ILIARY
CELL
54
54
54
54
I
32
Ground Stud
Starter
34

Fig. 6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CELLS
54
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54
54
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Ground Stud
Starter
34

Fig. 7.